AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 6, line 10, with the following paragraph:

-- When the heater is heated till its temperature reaches the vaporization point of the liquid, a thermal bubble surrounded by the liquid is gradually formed around the heater due to phase transition from liquid to gas and the vapor bubble gradually grows up as the temperature keeps rising. The bubble is formed in a manner similar to the driving principle of a thermal bubble type ink-jet printer but different from that the bubble size is kept almost constant rather than bubble explosion in the ink-jet application. In this invention, controlling the heater temperature and liquid characteristics may control the bubble size and thus the sensitivity of the thermal bubble type micro inertial sensor 1. --